

CLAIMS

1. A method for producing 2,3,6,7,10,11-  
5 hexahydroxytriphenylene comprising reacting catechol with a peroxide.
2. A method according to Claim 1, wherein the peroxide is a persulfate.  
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3. A method according to Claim 1, wherein the peroxide is at least one member selected from the group consisting of sodium persulfate, potassium persulfate and ammonium persulfate.
- 15 4. A method according to Claim 1, wherein the peroxide is ammonium persulfate.
5. A method according to Claim 1, wherein the peroxide is hydrogen peroxide.  
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6. A method according to Claim 1, wherein the peroxide is used in a proportion of from 0.5 to 10 moles per mole of catechol.
7. A method according to Claim 2, wherein the persulfate  
25 is used in a proportion of from 0.5 to 10 moles per mole of catechol.
8. A method according to Claim 1, wherein the reaction is carried out in the presence of acid.  
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9. A method according to Claim 8, wherein the acid used is sulfuric acid or perchloric acid.
10. A method according to Claim 8, wherein the acid used  
35 is a 50 to 80 wt% aqueous solution of sulfuric acid or a 50 to 80

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wt% aqueous solution of perchloric acid.